

REMARKS/ARGUMENTS

Claims 1-20 stand rejected.

SECTION 102 REJECTIONS

Claims 1-3 and 12-20 have been rejected as anticipated by Fujioka. Applicants respectfully submit that this rejection is overcome for the reasons set forth below.

Amended claim 1 now includes features which are not suggested by the cited references, namely:

- **the delay interval defines an optical charge pulse that provides light to a sensor prior to triggering the image acquisition,**
- **wherein the optical charge pulse charges the sensor to compensate for dark current discharge in the sensor, and**
- **the sensor provides the image acquisition.**

Basis for amended claim 1 may be seen in Fig. 3 and, for example, in the specification at page 3, line 20 to page 4, line 2. As described, transition 5 follows transition 3 of the control signal which is delayed by a delay interval T. The portion of the Control Signal within the delay interval T establishes an optical charge poles P that is sufficient to compensate for dark current discharge of the sensor 6 within the optical imaging system 20.

Accordingly, the present invention provides a delay interval that defines an optical charge pulse where the optical charge pulse charges the sensor to compensate for dark current discharge of the sensor. In addition, the sensor provides the image acquisition, as shown in Fig. 4.

Fujioka discloses a system for timing image acquisition. As described in the abstract, a multi-beam detecting system is adapted to an optical system in which a recording medium is scanned by a light beam emitted from a light source. A light interruption member is disposed between the light source and the light detection member. The system disclosed by Fujioka described a light beam scanning system.

Fujioka, however, does not suggest a system that includes a delay block that imposes a delay interval, in which the delay interval defines an optical charge pulse that provides light to a sensor prior to triggering the image acquisition. Furthermore, Fujioka does not suggest an optical charge pulse that charges the sensor to compensate for dark current discharge in the sensor. Favorable reconsideration is requested for amended claim 1.

Dependent claims 2, and 4-9 depend from amended claim 1 and are, therefore, not subject to rejection of U.S.C. cited reference for at least the same reasons set forth above for amended claim 1.

Claims 3 and 10-11 have been canceled.

Although not the same, claim 12 has been amended to included features similar to amended claim 1. Amended claim 12 is not subject to rejection in view of the cited reference for the same reasons set forth above for amended claim 1. Favorable reconsideration is requested for amended claim 12.

Claims 13-20 depend from amended claim 12 and are, therefore, not subject to rejection in view of the cited reference for at least the same reasons set forth above for amended claim 1.

Claims 14 and 15 have been canceled.

Claims 1 and 4-11 have been rejected as anticipated by Laughlin. Applicants respectfully submit that this rejection is overcome for the reasons set forth below. Amended claim 1, as described above, now include the features that limit the delay interval as being a delay interval which defines an optical charge poles for providing a light to a sensor prior to triggering the image acquisition. Furthermore, the optical charge pulse charges the sensor to compensate for dark current discharge in the sensor and the sensor provides the image acquisition.

Laughlin discloses an imaging system for detecting a target where the detection system compensates for a range dependencies of the reflected interrogating signal. The imaging system generates a series of pulse signal directed toward the target. A receiver is provided which is triggered to receiving the pulses during preselected time intervals. Accordingly,

Laughlin does not suggest a system which includes a delay block for imposing a delay interval, in which the delay interval defines an optical charge pulse that provides light to a sensor prior to triggering the image acquisition and wherein the optical charge pulse charges the sensor to compensate for dark current discharge in the sensor, and the sensor provides the image acquisition.

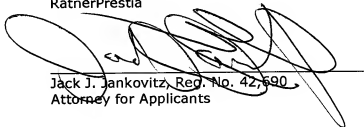
Favorable reconsideration is requested of amended claim 1 and its depend claims 4-9.

CONCLUSION

The application is in condition for allowance.

Respectfully submitted,

RatnerPrestia

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JJJ/mgm

Dated: July 9, 2008